

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371ATTORNEY DOCKET NUMBER:  
BJER-0002U.S. APPLICATION NO. (if known see 37 CFR 1.5):  
10/557,517INTERNATIONAL APPLICATION NO.:  
PCT/SE2004/000811INTERNATIONAL FILING DATE:  
26 May 2004 (26.05.2004)PRIORITY DATE CLAIMED:  
27 May 2003 (27.05.2003)

TITLE OF INVENTION: ROBOT SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT

APPLICANT(S) FOR DO/EO/US: Erik Forell and Patric Jensfelt

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4) (**Executed**).
10. ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 20. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.182-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:  
 Copy of Notification of Missing Requirements  
 Response to Notification of Missing Requirements  
 Return Postcard

EXPRESS MAIL Mailing Label No. EV 800289187 US  
Date of Deposit: January 4, 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid IMB control number.

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5): <b>10/557,517</b>		INTERNATIONAL APPLICATION NO.: <b>PCT/SE2004/000811</b>		ATTORNEY DOCKET NUMBER: <b>BJER-0002</b>	
The following fees are submitted:					
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))				<b>\$300</b>	\$
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))					\$
If written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				<b>\$0.00</b>	\$
All other situations				<b>\$200</b>	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				<b>\$0</b>	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				<b>\$100</b>	\$
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB				<b>\$400</b>	
All other situations				<b>\$500</b>	
<b>TOTAL of 21, 22 and 23 =</b>					\$
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50=		X \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				<b>\$130</b>	
Claims	Number Filed	Number Extra	Rate		
Total claims	34- 20 =	14	X \$50	<b>\$700</b>	
Independent Claims	2- 3 =	0	X \$200	\$	
Multiple dependent claims(s) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$830</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$415</b>	
<b>SUBTOTAL =</b>				<b>\$415</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$415</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$415</b>	
				Amount to be refunded	\$
				Amount to be charged	\$

01/08/2007 GFREY1 00000108 233050 10557517

01 FC:2617 65.00 DA  
02 FC:2615 350.00 DA

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid IMB control number.

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fee is enclosed.
- b. ☒ Please charge my Deposit Account No. 23-3050 in the amount of \$415 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Woodcock Washburn LLP  
Cira Centre  
2929 Arch Street, 12th Floor  
Philadelphia, PA 19104-2891  
(215) 568-3100



SIGNATURE

Michael D. Stein

NAME

34,734

REGISTRATION NUMBER

**DOCKET NO.: BJER-0002**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Erik Forell and Patric Jensfelt**

**Confirmation No.: 8807**

**Application No.: 10/557,517**

**Group Art Unit: Not yet known**

**Int. App. No. PCT/SE2004/000811**

**Int. Filing Date: May 26, 2004**

**Filing Date: Not Yet Known**

**Customer No.: 23377**

**For: ROBOT SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT**

**EXPRESS MAIL LABEL NO: EV 800289187 US**  
**DATE OF DEPOSIT: January 4, 2007**

**EV800289187US**

**MS PCT**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) AND  
REQUEST FOR EXTENSION OF TIME**

In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)," mailed November 14, 2006, which sets forth a two-month period for reply ending on January 14, 2007, (said period being eligible for extensions under 37 CFR § 1.136(a)), enclosed herewith for filing are:

**Declarations and Powers of Attorney**

- ☒ A Combined Declaration and Power of Attorney, executed by the inventor(s). An unexecuted copy of this document was attached to the above-identified specification.
- ☐ A Combined Declaration and Power of Attorney executed by the inventor(s) and identifying fewer/more inventors than those identified in the unexecuted declaration filed with the above-identified application specification. Such deletion/addition of inventors is specifically provided for in 37 CFR § 1.48.
- ☐ A copy of the original Declaration and Power of Attorney, executed by the inventor(s), as filed in parent application no.
- ☐ A copy of the Power of Attorney with Revocation filed on

- ☐ A copy of the Power of Attorney with Revocation filed on
- ☐ A Combined Power of Attorney with Revocation and Statement Under 3.73(b).
- ☐ An Assignee Power of Attorney is enclosed.

**Drawings**

- ☐ sheets of replacement drawings comprising Figures in compliance with 37 CFR § 1.84.

**Sequence Listing** (Note - All items listed below are required if Sequence Listing is also being filed with Missing Parts)

- ☐ Paper copy of Sequence Listing
- ☐ Diskette containing Sequence Listing in computer readable form
- ☐ Amendment directing entry of Sequence Listing in specification
- ☐ Statement to Support Filing of Sequence Listing

**Claim for Small Entity Status**

- ☐ Applicant(s) has previously claimed small entity status under 37 CFR § 1.27.
- ☐ Applicant(s), by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as:
  - ☐ an Independent Inventor
  - ☐ a Small Business Concern
  - ☐ a Nonprofit Organization

**Miscellaneous Items**

- ☒ A copy of the Notification of Missing Requirements.
- ☐ Request for Corrected Filing Receipt.
- ☐ Request for Refund Due to Small Entity Status.
- ☐ Request for Refund Due to Fee Calculation Error.
- ☐ A substitute specification in compliance with 37 CFR § 1.52.
- ☐ Other:

## Fee Calculation and Extension of Time

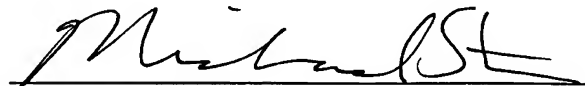
- ☐ Request is hereby made under 37 CFR § 1.136(a) to extend the time for response to the Notice to File Missing Parts of Application due to and through , comprising an extension of the shortened period of months:

	SMALL ENTITY		NOT SMALL ENTITY	
	RATE	FEE	RATE	FEE
MISSING PARTS SURCHARGE	\$65	\$65	\$130	\$
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME	\$60	\$	\$120	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME	\$225	\$	\$450	\$
<input type="checkbox"/> THREE MONTH EXTENSION OF TIME	\$510	\$	\$1020	\$
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME	\$795	\$	\$1590	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME	\$1080	\$	\$2160	\$
TOTAL FEE DUE		\$65		\$

- ☐ A check in amount of \$ is attached to cover the surcharge and any requested extension of time. Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
- ☒ Please charge the surcharge to my Deposit Account No. 23-3050 in the amount of \$65.
- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.
- ☒ The Commissioner is hereby authorized to charge any deficiency or credit any overpayment of the fees associated with this communication to Deposit Account No. 23-3050.

This sheet is attached in duplicate.

Date: January 4, 2007



Michael D. Stein  
Registration No. 34,734

Woodcock Washburn LLP  
2929 Arch Street, 12th Floor  
Philadelphia, PA 19104-2891  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/557,517	Erik Forell	BJER-0002

23377  
WOODCOCK WASHBURN LLP  
ONE LIBERTY PLACE, 46TH FLOOR  
1650 MARKET STREET  
PHILADELPHIA, PA 19103

RECEIVED

NOV 20 2006

Woodcock Washburn

INTERNATIONAL APPLICATION NO.

PCT/SE04/00811

I.A. FILING DATE

05/26/2004

PRIORITY DATE

05/27/2003

CONFIRMATION NO. 8807

371 FORMALITIES LETTER



\*OC000000021206442\*

Date Mailed: 11/14/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 11/18/2005
- Copy of the International Search Report filed on 11/18/2005
- Copy of IPE Report filed on 11/18/2005
- Copy of Annexes to the IPER filed on 11/18/2005
- Oath or Declaration filed on 11/18/2005
- Small Entity Statement filed on 11/18/2005
- Request for Immediate Examination filed on 11/18/2005
- U.S. Basic National Fees filed on 11/18/2005
- Priority Documents filed on 11/18/2005
- Specification filed on 11/18/2005
- Claims filed on 11/18/2005
- Abstracts filed on 11/18/2005
- Drawings filed on 11/18/2005

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WWWKMN

RECEIVED

NOV 22 2006

SEATTLE  
WWWKMN

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$280** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application

by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

- is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$345** for a Small Entity:

- **\$65 Surcharge.**
- Total additional claim fee(s) for this application is **\$ 280**
  - **\$100** for 4 total claims over 20.
  - **\$180** for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/557,517	PCT/SE04/00811	BJER-0002